UNITED STATES BAR V RANCH QUADRANGLE DEPARTMENT OF THE INTERIOR MONTANA-BIG HORN CO. 7.5 MINUTE SERIES (TOPOGRAPHIC) GEOLOGICAL SURVEY (BAR V RANCH NF) R. 37 E. 23 19 21 24 28 26 30 29 27 25 32 33 35 31 34 36 T. 8 S. T. 9 S. 12 17 13 19 21 20 24 27 25 31 45°00′ 107°07′30″ (MONARCH) 4573 | NE SCALE 1:24 000 Base map from U.S. Geological Survey, 1967 Compiled in 1977 1 KILOMETER MONTANA UTM GRID AND 1967 MAGNETIC NORTH DECLINATION AT CENTER OF SHEET

> COAL RESOURCE OCCURRENCE MAP OF THE BAR V RANCH QUADRANGLE, BIG HORN COUNTY, MONTANA BY

QUADRANGLE LOCATION

COLORADO SCHOOL OF MINES RESEARCH INSTITUTE 1979

## **OPEN FILE REPORT 79-643** PLATE 8 OF 25

OPEN-FILE REPORT

This report has not been edited for conformity with
U.S. Geological Survey editorial standards or stratigraphic nomenclature.

## **EXPLANATION**

\_\_\_\_\_ 200 \_\_\_ OVERBURDEN ISOPACH-Showing thickness of overburden, in feet, from the surface to the top of the coal bed. Isopach interval 200 feet (61 m).

\_\_\_\_\_\_\_\_B \_\_\_\_\_\_\_\_ BOUNDARY OF COAL 5 FEET OR MORE THICK— Drawn along the outcrop of coal bed and/or the inferred contact between burned and unburned coal, and/or the 5-foot coal isopach, and/or the fault boundary of coal. Arrows point toward area of coal 5 feet or more thick.

FAULT-Dashed where approximately located. U, upthrown side; D, downthrown side.

\_ - - - - - - - - 10 \_ - - - - - - -

MINING-RATIO CONTOUR-Number indicates cubic yards of overburden per ton of recoverable coal by surface-mining methods. Contours shown only in areas suitable for surface mining within the stripping limit.

To convert feet to meters, multiply feet by 0.3048.

To convert yds3/ton to m3/metric ton, multiply yds3/ton by